



LIVING AREA	8076	S . F .
PORCH AREA	206	S . F .
TOTAL AREA UNDER ROOF	8282	S . F .

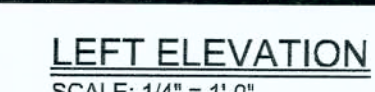
REQUIRED ROOF VENTILATION:
AS PER FLORIDA BUILDING CODE 2009.7

RIDGE VENT
MIN. 50% TOTAL VENT AREA
LOCATED IN THE UPPER PORTION OF ATTIC (MIN. 3' ABOVE EAVE)
8282 S.F. / 300 x 50% = 13.8 S.F. RIDGE VENT AREA REQUIRED
126 FEET OF RIDGE VENT REQUIRED

SOFFIT VENT
 $8282 \text{ S.F.} / 300 \times 50\% = 13.8 \text{ S.F. SOFFIT VENT AREA REQUIRED}$
 460 FEET OF SOFFIT VENT REQUIRED

BUILDER MUST VERIFY THE FOLLOWING MINIMUM NET FREE VENT AREAS:

1. RIDGE VENTS = 16 IN²/FT (.11 FT²/FT)
2. OFF-RIDGE VENTS = .70 FT² PER 4' UNIT
3. SOFFIT VENTS = 4.3 IN²/FT (.03 FT²/FT)



WINDLOAD ENGINEER: Mark Discorway,
PEI No.53915, POB 665, Lake City, FL
32056, 386.754.5419

DIMENSIONS:
Stated dimensions supercede scaled dimensions. Refer all questions to Mark Discaway, P.E., for resolution. Do not proceed without clarification.

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CERTIFICATION: I hereby certify that I have examined this plan, and that the applicable portions of the plan, relating to wind engineering comply with section R301.2.1, Florida building code residential 2004, to the best of my knowledge.

LIMITATION: This design is valid for one building, at specified location.

MARK DISOGWAY
P.E. 53815

11/11/2019

16-06

18460

100-1-82

11/11/2019

1000

1000

DONALD SHEA
RESIDENCE

RESIDENCE

ADDRESS:
FLORIDA:

FLORIDA

Mark Disosway P E

Mark Disosway P.E.
P.O. Box 868

Lake City, Florida 32025
Phone: (386) 754-5419

Fax: (386) 269 - 4871

PRINTED DATE: _____

PRINTED DATE:
August 18, 2006

DRAWN BY: Evan Bessmer	CHECKED BY:
---------------------------	-------------

DESIGNED BY: E. R. J.

Evam Beamsley

FINALES DATE:	
17 / MAR / 06	

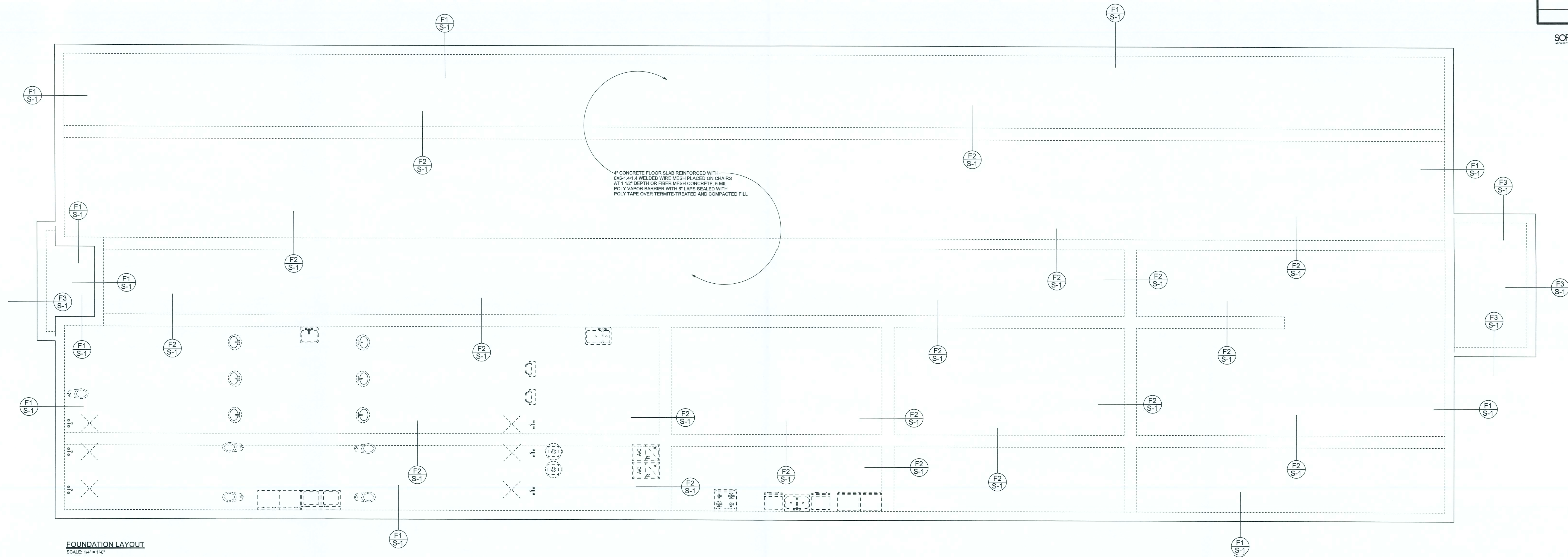
JOB NUMBER:	
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410144

DRAWING NUMBER
A 1

A1 *Ne*

OF 4 SHEETS



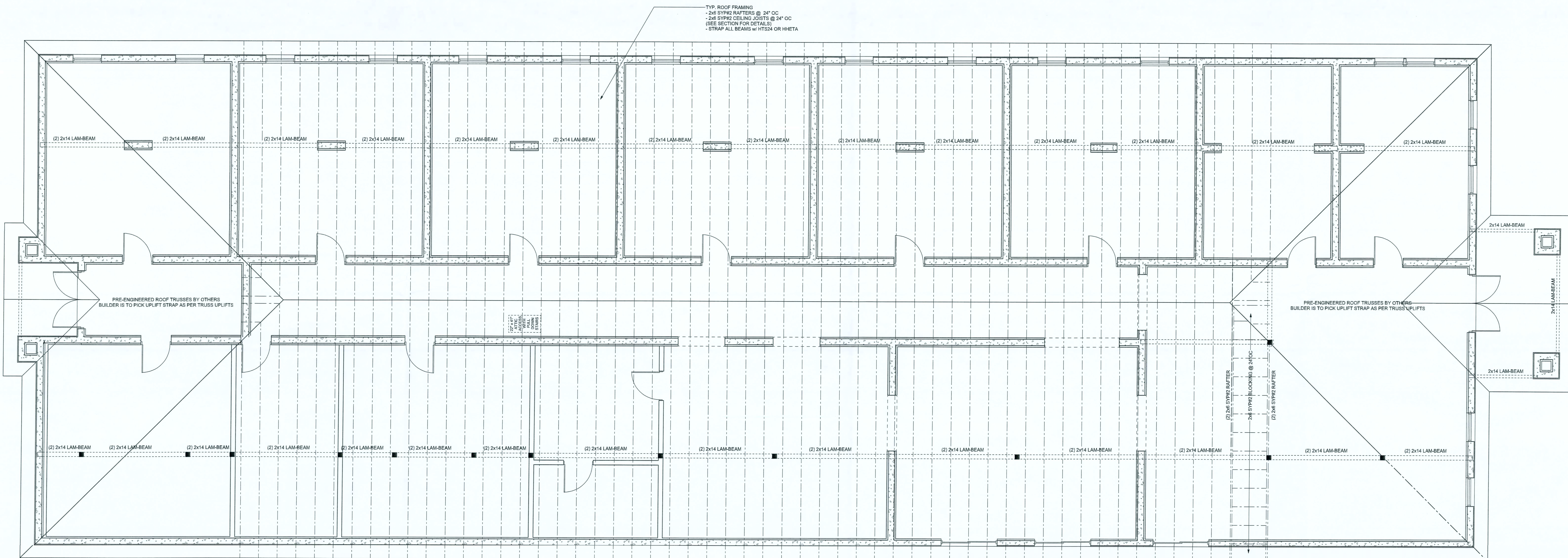
FOUNDATION LAYOUT

SCALE: 1/4" = 1'-0"

DETAIL #

SHEET #

TYP. ROOF FRAMING
 2x6 SYP#2 RAFTERS @ 24" OC
 2x6 SYP#2 CEILING JOISTS @ 24" OC
 (SEE SECTION FOR DETAILS)
 STRAP ALL BEAMS w/ HTS24 OR HH24



TYP. ROOF FRAMING PLAN

SCALE: 1/4" = 1'-0"

WINDOW ENGINEER: Mark Disoway
 P.E. No. 53915, PCB 866, Lake City, FL
 2006, 2007, 2008, 2009

DIMENSIONS:
 Shown dimensions supersede scaled
 dimensions. Refer all questions to
 Mark Disoway, P.E. for resolution.
 Do not proceed without clarification.

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 permission and consent of Mark Disoway.

CERTIFICATION: I hereby certify that I have
 examined the plan, and that the applicable
 portions of the plan, relating to work engineering
 comply with Section 900.2, Florida Building
 Code (residential zone), to the best of my
 knowledge.

LIMITATION: This design is valid for one
 building, at specified location.

MARK DISOWAY
 P.E. 53915

11/10/08

SEAL

DONALD SHEA
 RESIDENCE

ADDRESS:
 FLORIDA

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 P.O. Box 868
 Lake City, Florida 32025
 Phone: (386) 754 - 5419
 Fax: (386) 269 - 4871
 windisoway@earthlink.net

PRINTED DATE

August 16, 2006

DRAWN BY: Evan Beasley

CHECKED BY: Evan Beasley

DESIGNED BY: Evan Beasley

FINALS DATE: 17 / MAR / 06

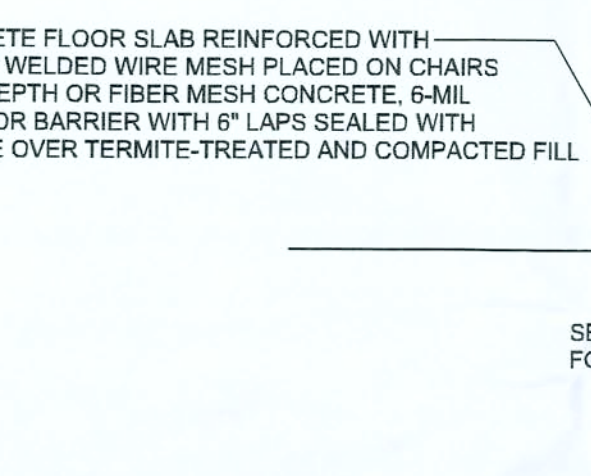
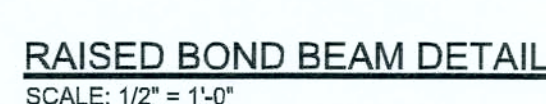
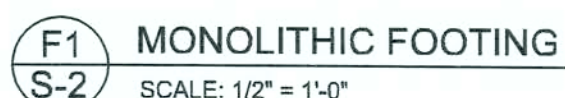
JOB NUMBER: 410144

DRAWING NUMBER

A3

OF 4 SHEETS

SOFTPLAN



in lieu of concrete masonry

obtained by the designer by providing additional finished concrete masonry above the lintel. See detail at right:

loads from the safe load tables by calculating the maximum resisting moment and shear at d -away from face of support.

Reduction: $0.472 \times 0.65 = 0.307$ psi

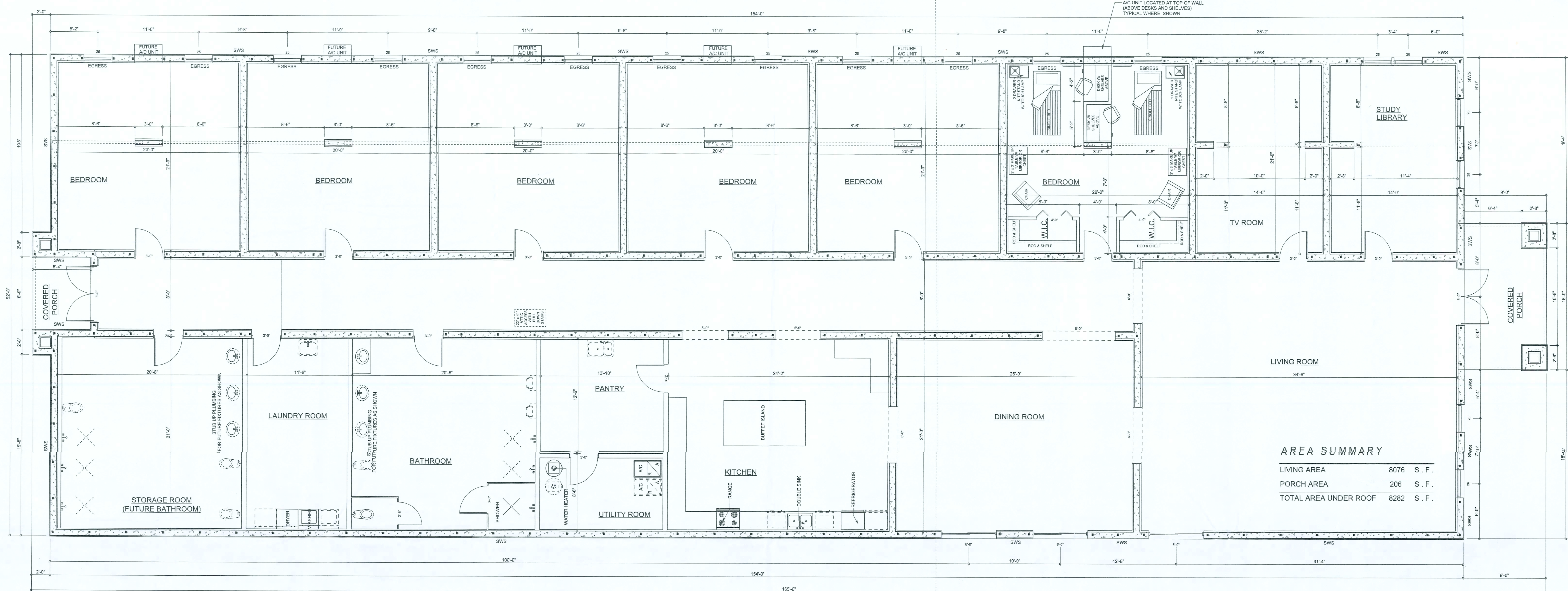
NOTES

DRAWING

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REVISIONS	

SOFTPLAN
ARCHITECTURAL DESIGN SOFTWARE



AREA SUMMARY

LIVING AREA	8076	S.F.
PORCH AREA	206	S.F.
TOTAL AREA UNDER ROOF	8282	S.F.

REQUIRED ROOF VENTILATION:

AS PER FLORIDA BUILDING CODE 2305.7

RIDGE VENT
MIN. 60% TOTAL VENT AREA
LOCATED IN THE UPPER PORTION OF ATTIC (MIN. 3" ABOVE EAVE)
8282 S.F. / 300 X 50% = 1243.5 S.F. RIDGE VENT AREA REQUIRED
128 FEET OF RIDGE VENT REQUIRED

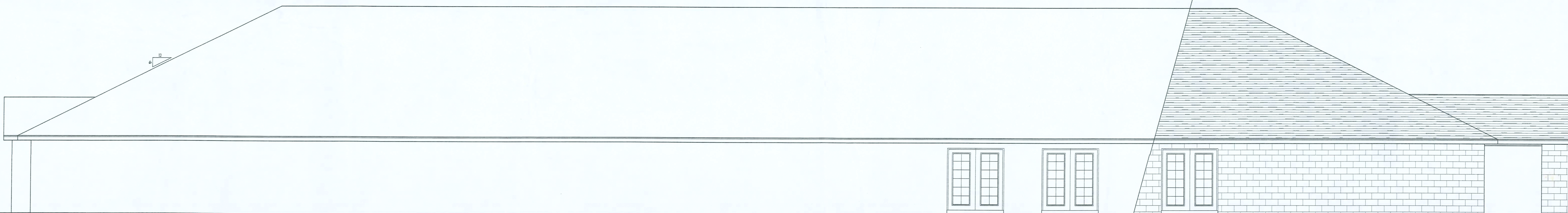
SOFFIT VENT
8282 S.F. / 300 X 50% = 1381.0 S.F. SOFFIT VENT AREA REQUIRED
480 FEET OF SOFFIT VENT REQUIRED

BUILDER MUST VERIFY THE FOLLOWING MINIMUM NET FREE VENT AREAS:

1. RIDGE VENTS = 16 IN²/FT (1.1 FT²/FT)
2. OFF-RIDGE VENTS = 70 FT² PER 4' UNIT
3. SOFFIT VENTS = 4.3 IN²/FT (.03 FT²/FT)



RIGHT ELEVATION
SCALE: 1/4" = 1'-0"



LEFT ELEVATION
SCALE: 1/4" = 1'-0"

WINDOW ENGINEER: Mark Discoway
P.E. No. 5351, P.O. Box 668, Lake City, FL
33705, 385-754-5419

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Detailed dimensions are provided as a guide only. All dimensions are subject to change without notice. This document is not to be reproduced, altered or copied in any form or manner without the express written permission and consent of Mark Discoway.

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CERTIFICATION: I hereby certify that I have prepared the plans and seal the appropriate contents of the plan, reading to wind engineering code with section 2004.2.1, Florida Building Code, to the best of my knowledge.

LIMITATION: This design is valid for one building, at specified location.

MARK DISCOWAY
P.E. 5351

2014/06/06

SEAL

DONALD SHEA RESIDENCE

ADDRESS:
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Mark Discoway P.E.
P.O. Box 668
Lake City, Florida 32025

Phone: (386) 754 - 5419
Fax: (386) 269 - 4871
windoaseen@bellsouth.net

PRINTED DATE:
March 20, 2008

DRAWN BY:
Dan Discoway

CHECKED BY:
Evan Discoway

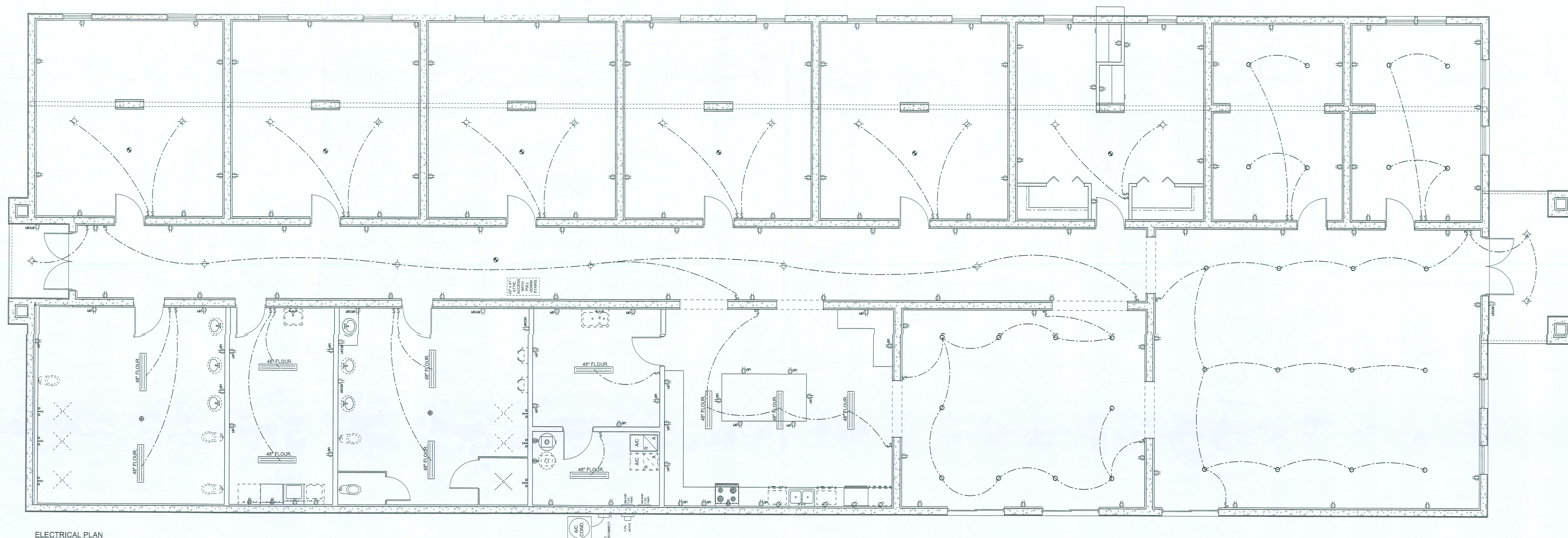
DESIGNED BY:
Evan Discoway

FINALES DATE:
17 MAR / 08

JOB NUMBER:
410144

DRAWING NUMBER:
A1

OF 4 SHEETS

ELECTRICAL PLAN
SCALE: 1/4" = 1'-0"

ELECTRICAL PLAN NOTES

- E-1 WIRE ALL APPLIANCES, HVAC UNITS AND OTHER EQUIPMENT PER MANUF. SPECIFICATIONS.
- E-2 CONSULT THE OWNER FOR THE NUMBER OF SEPERATE TELEPHONE LINES TO BE INSTALLED.
- E-3 ALL INSTALLATIONS SHALL BE PER NAT'L. ELECTRIC CODE.
- E-4 ALL SMOKE DETECTORS SHALL BE 120V W/ BATTERY BACKUP OF THE PHOTOELECTRIC TYPE AND SHALL BE INTERLOCKED TOGETHER. INSTALL INSIDE AND NEAR ALL BEDROOMS.
- E-5 TELEPHONE, TELEVISION AND OTHER LOW VOLTAGE DEVICES OR OUTLETS SHALL BE AS PER THE OWNERS DIRECTIONS, & IN ACCORDANCE W/ APPLICABLE SECTIONS OF NEC-LATEST EDITION.
- E-6 ELECTRICAL CONTR' SHALL BE RESPONSIBLE FOR THE DESIGN & SIZING OF ELECTRICAL SERVICE AND CIRCUITS.
- E-7 ENTRY OF SERVICE (UNDERGROUND OR OVERHEAD) TO BE DETERMINED BY POWER COMPANY.
- E-8 ALL BEDROOM RECEPTACLES SHALL BE AFCI (ARC FAULT CIRCUIT INTERRUPT)
- E-9 ALL OUTLETS TO BE LOCATED ABOVE BASE FLOOD ELEVATION.
- E-10 A SERVICE DISCONNECT WITH OVER CURRENT PROTECTION SHALL BE INSTALLED OUTSIDE OF THE BUILDING, ON THE LOAD SIDE OF THE METER. AT THE PLACE ELECTRIC CONDUCTORS ENTER THE BUILDING. SERVICE ENTRANCE CONDUCTORS MAY NOT BE LOCATED INSIDE OF THE OF THE BUILDING WITHOUT SPECIAL APPROVAL OF THE BUILDING OFFICIAL.

ELECTRICAL LEGEND	
	CEILING FAN (PRE-WIRE FOR LIGHT KIT)
	DOUBLE SECURITY LIGHT
	2x4 FLUORESCENT LIGHT FIXTURE
	RECESSED CAN LIGHT
	BATH EXHAUST FAN WITH LIGHT
	BATH EXHAUST FAN
	LIGHT FIXTURE
	DUPLEX OUTLET
	220V OUTLET
	GFI DUPLEX OUTLET
	SMOKE DETECTOR
	WALL SWITCH
	3 WAY WALL SWITCH
	4 WAY WALL SWITCH
	WATER PROOF GFI OUTLET
	PHONE JACK
	TELEVISION JACK
	GARAGE DOOR OPENER
	WALL HEATER

REAR ELEVATION
SCALE: 1/4" = 1'-0"FRONT ELEVATION
SCALE: 1/4" = 1'-0"WINDLOAD ENGINEER: Mark Disoway
P.E. No. 12015, PDR 885, Lake City, FL
12015, 344-754-4415DIMENSIONS:
Basis dimensions are outside scaled
dimensions. Refer all dimensions to
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and consent of Mark Disoway.CERTIFICATION: I hereby certify that I have
prepared this plan, and that the applicable
provisions of the plan, reading to meet engineering
requirements, comply with section 905.2.1, Florida building
code (effective 2004), to the best of my
knowledge.LIMITATION: This design is valid for one
building, at specified location.MARK DISOWAY
P.E. 12015

12015, 344-754-4415

12015, 344-754-4415

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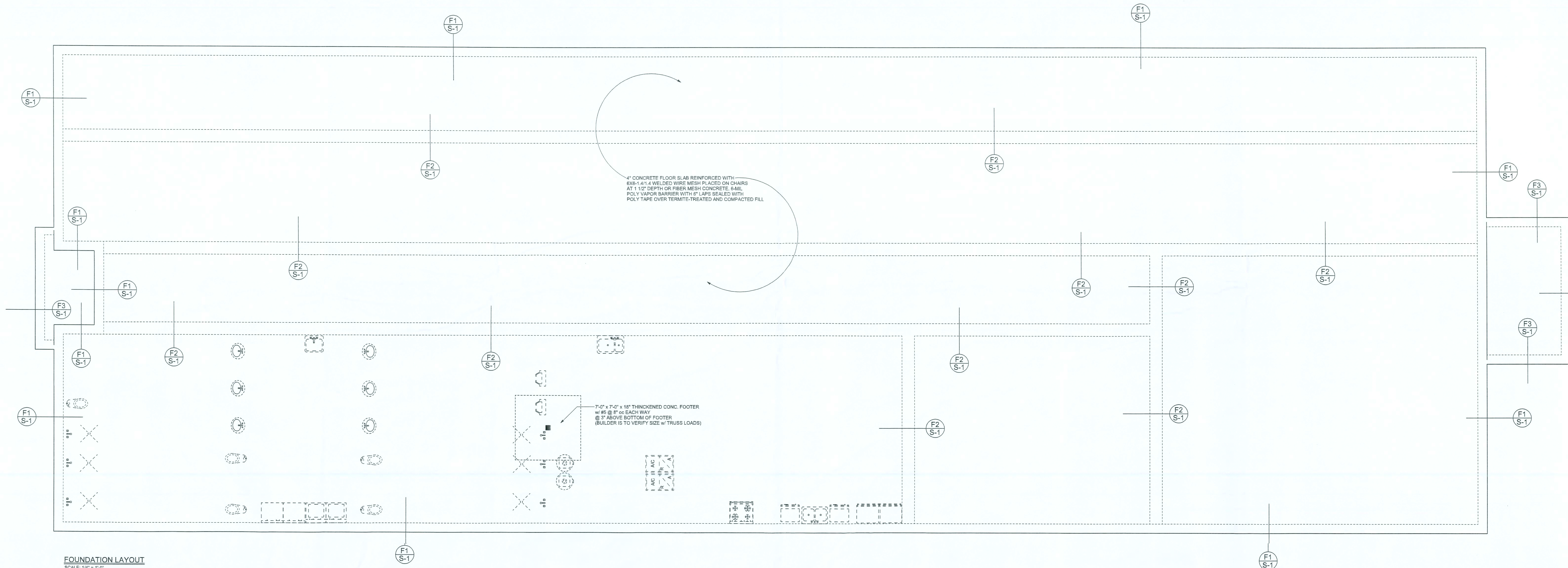
12015, 344-754-4415

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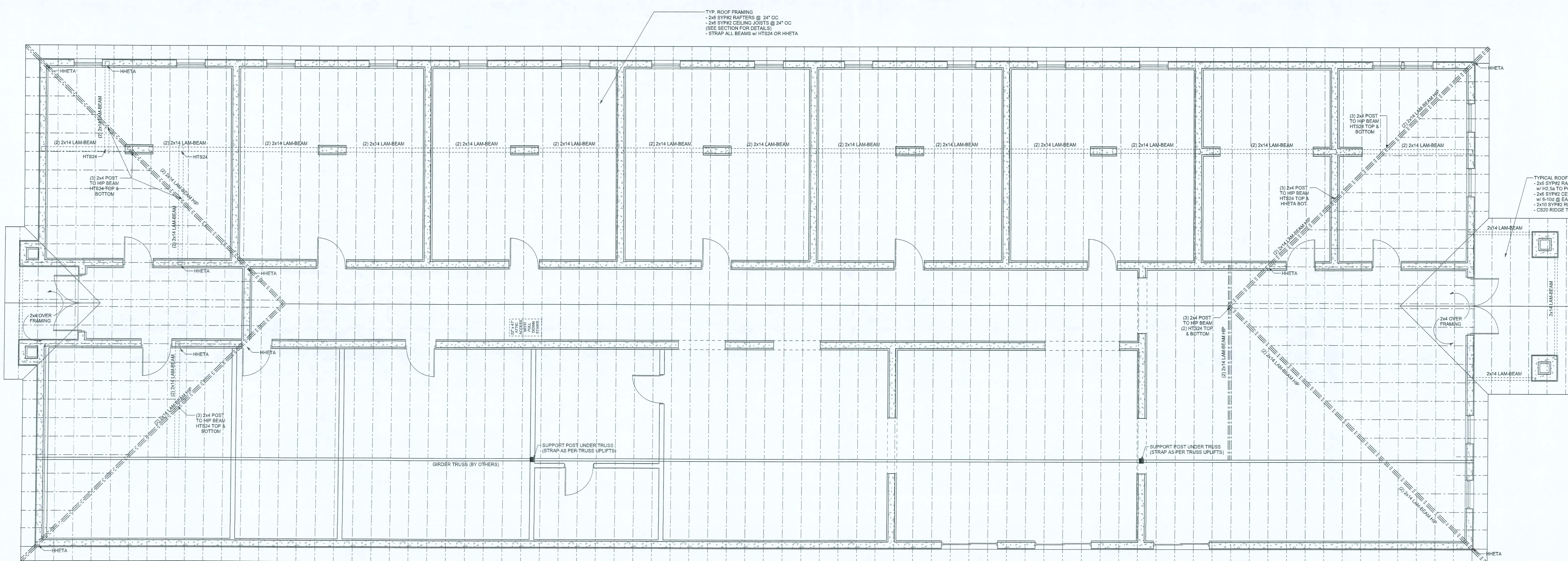
12015, 344-754-4415

12015, 344-754-4415



FOUNDATION LAYOUT
SCALE: 1/4" = 1'-0"

DETAIL #
F6 S-1
SHEET #



TYP. ROOF FRAMING PLAN
SCALE: 1/4" = 1'-0"

WINDLOAD ENGINEER: Mark Dicosway
P.E. No. 38515, FOS 885, LAM-06, FL
2008, 2009, 2010, 2011
DIMENSIONS:
Stated dimensions supersede scaled
dimensions. Refer all questions to
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manner without the express written
permission and consent of Mark Dicosway.
CERTIFICATION: I hereby certify that I have
examined the plan, and that the applicable
provisions of the Florida Building Code,
Florida Residential Code, and Florida
Building Code, 2004, to the best of my
knowledge.
LIMITATION: This design is valid for one
building, at the location shown.

MARK DICOSWAY
P.E. 38515
DONALD SHEA
RESIDENCE
ADDRESS:
FLORIDA

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Lake City, Florida 32025
Phone: (386) 754-5419
Fax: (386) 269-4871
windloadengineer@earthlink.net

PRINTED DATE:
March 20, 2008
DRAWN BY:
Evan Bamsley
CHECKED BY:
Evan Bamsley
DESIGNED BY:
Evan Bamsley
FINAL DATE:
17 MAR 08
JOB NUMBER:
410144
DRAWING NUMBER:
A3
OF 4 SHEETS

